L Number	Hits	Search Text	DB	Time stamp
-	142	73/862.331.ccls.	USPAT;	2004/02/27 13:55
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM TDB	
_	2	6532831.pn.	USPAT;	2003/09/02 16:37
	-	033 2 03p	US-PGPUB;	2002/01/02/10/07
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	10	(U24002020 U440014140 U440074600 U40727250 U50462720	USPAT	2003/09/02 16:38
-	10	("2498282" "4881414" "4907460" "4972725" "5046372"	USFAT	2003/09/02 10.38
		"5083468" "5195382" "5578767" "5637997" "5796014"		
	205	"2001/0004849").PN.	T TOD A TO	2004/02/27 12 55
-	207	73/862.335.ccls.	USPAT;	2004/02/27 13:55
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	303	73/862.333.ccls.	USPAT;	2004/02/27 13:55
			US-PGPUB;	
			ЕРО; ЛРО;	
	•		DERWENT;	
			IBM_TDB	
_	111	73/862.336.ccls.	USPĀT;	2004/02/27 13:55
			US-PGPUB;	
			ЕРО; ЛРО;	
.			DERWENT;	
			IBM_TDB	
	0	6532831.URPN.	USPAT	2003/09/02 16:58
_	5	(rotor near6 (core coil)) same ((first second two pair) near5 rotor) same	USPAT;	2003/09/02 17:15
•	,	((oscillat\$4 vibrat\$4 signal\$4) near6 coil) same ((rotat\$4 near4 guid\$4)	US-PGPUB;	2003/03/02 17:13
		or ((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4	EPO; JPO;	
			DERWENT;	
		control\$4)))	IBM_TDB	
	368	(rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/02 17:21
-	308	((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	2003/03/02 17.21
			EPO; JPO;	
		((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4		
		control\$4)))	DERWENT;	
		100 100 100 1	IBM_TDB	2002/00/02 14:42
-	199		USPAT;	2003/09/03 14:43
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	
		((bearing or ring or annular) near4 (guid\$4 direct\$4 regulat\$4	EPO; JPO;	
		control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4	DERWENT;	
		estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	IBM_TDB	000000000000000000000000000000000000000
-	142	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/03 15:16
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	
		((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and	ЕРО; ЛРО;	
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	DERWENT;	
	1	near4 (torsion\$4 rotat\$4 torque angular\$4 angle))	IBM_TDB	
-	94	(rotor near6 (core coil)) and ((first second two pair) near5 rotor near8	USPAT;	2003/09/03 15:08
		bearing) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4	US-PGPUB;	
		meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4	ЕРО; ЛРО;	
		(torsion\$4 rotat\$4 torque angular\$4 angle))	DERWENT,	
		1	IBM_TDB	-
_	120	(rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/03 15:42
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4	US-PGPUB;	
		(guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4	EPO; JPO;	
		detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque	DERWENT;	
		angular\$4 angle))	IBM_TDB	
L	I	miguint of migre		l

-	166	((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/03 16:18
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	
		((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and	ЕРО; ЈРО;	
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	DERWENT;	
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core	IBM TDB	
		coil)) and ((first second two pair) near5 rotor near8 bearing) and	_	
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4		
		sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4		
		torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second		
		two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and		
		((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and		
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)		
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar		
		column) near8 rotor)		
	10	(((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/03 15:23
-	10	((((Cloto) hear) (core con)) and ((Inst second two pair) hear 3 fotor) and ((oscillat\$4 vibrat\$4 signal\$4) near 6 coil) and ((rotat\$4 near 4 guid\$4) or	US-PGPUB;	2003/03/03 13.23
			EPO; JPO;	
		((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and	DERWENT;	
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)		
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core	IBM_TDB	
		coil)) and ((first second two pair) near5 rotor near8 bearing) and		
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4		
		sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4		
		torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second		
		two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and		
	}	((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and		
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)		
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar		
		column) near8 rotor)) and (rotor near6 (conduct\$4 copper cu metal\$4		
		silver steel nickel) near6 (layer film strip))	TIOD A T	2002/00/02 15 24
-	10	((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and	USPAT;	2003/09/03 15:24
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	US-PGPUB;	
		((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and	ЕРО; ЈРО;	
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	DERWENT;	
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core	IBM_TDB	
		coil)) and ((first second two pair) near5 rotor near8 bearing) and		:
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4		
		sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4		
		torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second		
		two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and		
		((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and		
		((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)		
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and (rotor near6		
		(conduct\$4 copper cu metal\$4 silver steel nickel) near6 (layer film		
		strip))		
-	114	(rotor near6 (core coil)) and ((second two pair) near5 rotor) and	USPAT;	2003/09/03 16:32
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4	US-PGPUB;	
		(guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4	ЕРО; ЈРО;	
		detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque	DERWENT;	
		angular\$4 angle))	IBM_TDB	

-	84	(((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((rotat\$4 near4 guid\$4) or	USPAT; US-PGPUB;	2003/09/03 16:18
		((ring or annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)))) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	EPO; JPO; DERWENT;	
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and	IBM_TDB	
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4		
		torque angular\$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and		
		((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)		
		near4 (torsion\$4 rotat\$4 torque angular\$4 angle)))) and ((shaft bar		
		column) near8 rotor)) and ((rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and		
		((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)		
_	84	near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) ((rotor near6 (core coil)) and ((second two pair) near5 rotor) and	USPAT;	2003/09/03 16:19
		((oscillat\$4 vibrat\$4 signal\$4) near6 coil) and ((ring annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) and ((measur\$4 meter\$4 sens\$4	US-PGPUB; EPO; JPO;	
		detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque angular\$4 angle))) and ((shaft bar column) near8 rotor)	DERWENT; IBM_TDB	
-	18	(rotor near6 (core coil)) and ((oscillat\$4 vibrat\$4 signal\$4) near6 coil)	USPAT; US-PGPUB;	2003/09/04 16:36
		and (((ring rotat\$4 annular) near4 (guid\$4 direct\$4 regulat\$4 control\$4)) or bearing) and ((measur\$4 meter\$4 sens\$4 detect\$4	ЕРО; ЛРО;	
		determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((second plural\$4 two pair) near3 rotor near6 (nonmagnetic\$4 insulat\$4	DERWENT; IBM_TDB	
_	18	resin\$4)) 4522278.URPN.	USPAT	2003/09/03 16:57
-	2	4996890.pn.	USPAT; US-PGPUB;	2003/09/04 15:37
			EPO; JPO; DERWENT;	
	2	5490431.pn.	IBM_TDB USPAT;	2003/09/04 15:38
		3430431.рп.	US-PGPUB; EPO; JPO;	2003/03/01/10/00
			DERWENT;	
_	17		IBM_TDB USPAT;	2003/09/04 16:40
		near4 (torsion\$4 rotat\$4 torque)) same ((second plural\$4 two pair) near3 rotor near6 (nonmagnetic\$4 insulat\$4 resin\$4))	US-PGPUB; EPO; JPO;	
			DERWENT; IBM_TDB	
-	6	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) same (rotor near6 (nonmagnetic\$4	USPAT; US-PGPUB;	2003/09/11 16:00
		insulat\$4 resin\$4) same ((second plural\$4 two pair) near3 rotor near4 ((nonmagnetic\$4 near3 metal\$4) or copper or cu)))	EPO; JPO; DERWENT;	
	15843	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	IBM_TDB USPAT;	2003/09/11 12:53
-	13843	near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB; EPO; JPO;	2003/07/11 12.33
		layer cover\$4 coat\$4 sheet))	DERWENT;	
-	530	(((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	IBM_TDB USPAT;	2003/09/11 13:01
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	US-PGPUB; EPO; JPO;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4 non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	DERWENT; IBM_TDB	
		near6 (bod\$4 element film ring portion circumferen\$6 surround\$4 encircl\$4)))		

-	50	((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4) near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	USPAT; US-PGPUB;	2003/09/11 13:00
		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	ЕРО; ЛРО;	
İ		layer cover\$4 coat\$4 sheet)) same (((conducts\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM TDB	
		near6 (bod\$4 element film ring portion circumferen\$6 surround\$4	15111_155	
		encircl\$4)))) and rotor		
-	203	((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 13:02
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB,	
1		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	ЕРО; ЈРО;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM_TDB	
		near6 (bod\$4 element film ring portion circumferen\$6 surround\$4		
	553	encircl\$4)))) and (rotor shaft)	LICDATE	2002/00/11 12:02
-	552	(((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 13:02
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	US-PGPUB; EPO; JPO;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
	,	non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM TDB	
		near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4		
		encircl\$4)))		
-	212	(((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:14
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB;	
		layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	ЕРО; ЈРО;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM_TDB	
		near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4 encircl\$4)))) and (rotor shaft)		
_	6	("4356732" "4881414" "5200698" "5390546" "5426986"	USPAT	2003/09/11 13:12
•		"5578767").PN.	OBIAI	2003/07/11 13.12
-	6	("4356732" "4881414" "5200698" "5390546" "5426986"	USPAT	2003/09/11 13:53
		"5578767").PN.		
-	14	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/11 16:57
		near4 (torsion\$4 rotat\$4 torque)) and (rotor near6 (nonmagnetic\$4	US-PGPUB;	
	·	insulat\$4 resin\$4) and ((second plural\$4 two pair) near3 rotor near4	EPO; JPO;	
		((nonmagnetic\$4 near3 metal\$4) or copper or cu)))	DERWENT;	
	10	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	IBM_TDB USPAT;	2003/09/11 17:15
-	10	near4 (torsion\$4 rotat\$4 torque)) and ((rotor shaft) near6	US-PGPUB;	2003/03/11 17.13
		(nonmagnetic\$4 insulat\$4 resin\$4) and ((second plural\$4 two pair)	EPO; JPO;	
		near3 (shaft rotor) near4 ((nonmagnetic\$4 near3 metal\$4) or copper or	DERWENT;	
		cu))) and ((serrat\$4 project\$4 layer film) near6 (circumferen\$6	IBM_TDB	
		surround\$4 encircl\$4) near4 (rotor shaft))	_	
-	14	((((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:28
		near4 (torsion\$4 rotat\$4 torque)) and ((conduct\$4 metal\$4) near4 (film	US-PGPUB;	
	•	layer cover\$4 coat\$4 sheet))) and (((conduct\$4 metal\$4) near4 (film	EPO; JPO;	
		layer cover\$4 coat\$4 sheet)) same ((nonconducti\$4 nonmagnetic\$4	DERWENT;	
		non?conduct\$4 non?magnetic\$4 insulat\$4) near6 (metal\$4 cu copper)	IBM_TDB	
		near6 (bod\$4 foil element film ring portion circumferen\$6 surround\$4 encircl\$4)))) and (rotor shaft) and (core near4 insulat\$4)		
_	283	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:33
	203	near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4	US-PGPUB;	2003/03/12 14.33
		insulat\$4)	EPO; JPO;	
		• • •	DERWENT;	
			IBM_TDB	
-	8	(((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 14:31
		near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4	US-PGPUB;	
		insulat\$4)) and 73/\$6.ccls.	EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

	30	(/	TIODAT.	2002/00/12 16:06
-	30	((measur\$4 meter\$4 sens\$4 detect\$4 determin\$4 estimat\$4 asses\$4)	USPAT;	2003/09/12 16:06
		near4 (torsion\$4 rotat\$4 torque)) and (rotor shaft) and (core near4	US-PGPUB;	
	ł	insulat\$4 near4 magnetic\$4)	EPO; JPO;	
	i	,	DERWENT;	
	,	(II.4001.41.4II.II.2000.51.6II.II.4.41.21.00II)	IBM_TDB	2002/00/12 16:07
-	3 0	("4881414" "3890515" "4412198").pn.	USPAT	2003/09/12 16:07 2004/02/27 13:51
-	U	(rotor near4 magnetic\$5 near4 insulat\$4) and (core near4 coil near6 stator) and (rotor near4 shaft) and (oscillat\$4 vibrator)	USPAT;	2004/02/27 13:31
		stator) and (totor near4 snart) and (oscination)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	151	73/862.331.ccls.	USPAT;	2004/02/27 13:55
1 -	151	73/802.331.608.	US-PGPUB;	2004/02/27 13.33
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
	211	73/862.335.ccls.	USPAT;	2004/02/27 13:55
	211	737602.333.001s.	US-PGPUB;	2004/02/27 13.33
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
1.	309	73/862.333.ccls.	USPAT;	2004/02/27 13:58
	307	75/002.555.0010.	US-PGPUB;	200 1102/27 13:50
			ЕРО; ЛРО;	
			DERWENT;	
		•	IBM_TDB	
-	112	73/862.336.ccls.	USPĀT;	2004/02/27 13:55
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	84	73/862.334.ccls.	USPAT;	2004/02/27 14:03
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
1			IBM_TDB	
-	3	(73/862.331.ccls. 73/862.335.ccls. 73/862.333.ccls. 73/862.336.ccls.	USPAT;	2004/02/27 14:10
		73/862.334.ccls.) and (rotor and core and coil and stator) and (((guide	US-PGPUB;	
		near2 ring) or bearing) near4 rotor)	ЕРО; ЈРО;	
			DERWENT;	
	<u></u>		IBM_TDB	